



```

RESULT      2
US-09-038-909-1
: Sequence 1, Application US/09038909
: Patent No. 6083924
: GENERAL INFORMATION:
: APPLICANT: May, Earl W.
: APPLICANT: Earnshaw, David L
: APPLICANT: McDevitt, Damien
: TITLE OF INVENTION: dnaB
: NUMBER OF SEQUENCES: 8
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Dechert, Price & Rhoads
: STREET: 4000 Bell Atlantic Tower, 1717 Arch Stre
: CITY: Philadelphia
: STATE: PA
: COUNTRY: USA
: ZIP: 19103-2793
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: DOS
: SOFTWARE: FastSeq for Windows Version 2.0
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09/038,909
: FILING DATE:
: CLASSIFICATION:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER:
: FILING DATE:
: ATTORNEY/AGENT INFORMATION:
: NAME: Falk, Stephen T
: REGISTRATION NUMBER: 36,795
: REFERENCE/DOCKET NUMBER: GM10133
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 215-994-2488
: TELEFAX: 215-994-2222
: TELEX:
: INFORMATION FOR SEQ ID NO: 1:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 1601 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
: US-09-038-909-1

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[illegible]

443 AAACGTAGATTGATTCAAACTGCAGATAGTATTCGCAATGATGATATATGATGAACCTT 502

544 gatgtgacgatatttgcacagagccgaaggaactctttgagatttcacacgcgaac 603

503 GAACTAGATGCGATTTTAAAGTATGATGAGAACTCGAAATTTTAGAGCTATCATCTCTCGT 562

604 atgaagaaggactatagcagagataatccgattatlgccgagggttatgaacagattcag 663

563 GAAAGCGATGGCTTTAAAGACATTCGAGATGCTTTAGACAAGTATATGAAACAGCTGAA 622

664 aaagccgcgcagctaccgatggtctgagcggatggagagtgatatacccaactgat 723

623 GAGCTTGATCAAAATAGTGGTCAACACAGGATTCCTCAGGATATCGAGATTAGAG 682

724 aagatgacttcgggagcgagaatccgacttgataattatgctgcgcgtccggccatg 783

683 CAAATGACACGAGGGTTCAACCGAAATGATTTAATTTATCCTTGCAGCGCGTCCATCTGTA 742

784 ggtaaacaggcttttgtacattcaalqacataaqaatttgccqlgaattt---caggaaat 840

743 GGTAAAGACTCGCTTCGCACCTTAATATTGCACMAAAGTTGCAACGSCATGAAGATATGTAT 802

841 ccggtgagcctgtttctcttgaalgaatgaacttcagtttgctcaatcgtctgaactcg 900

803 ACAGTTGGTATTTTCTACTAGATAGGGTCTGATCAGTTAGCCACAGTATGATTTGT 862

901 aacgcttggaaatcccgagtgaaaaaatcaagacgcgacaattggcagcttatgaatgg 960

863 AGTCTCGTAAATGTTGACTCAAAACCGTTAAGAACCGGTACTATGACTAGGGAAGATTGG 922

961 caacagctcgattataaaattgaagatttggatgatgcacgcgctttatgltgatgatact 1020

923 AGTCGTTTACTATAGCGGTAGTAAATTTACAGTAGCAAGATTTTATTTGATGATACA 982

1021 cctctctctgcgatttgagcttcgcacccaagggcacgctgagttcgtgagcatggga 1080

983 CCGGGCATTCGAAATTAATGATCTAGCTTCTAAATCTCGTGATTTAAGCANGAACATGGC 1042

1081 gtaagaattatcatcttgactacttcagtttcagttgatgaacgcacgcat---atggcattt 1137

1043 TTAGACATGATTGTAAATGACTACTACGTTAGATTCAAGGTAGTGTTCCACGTGCGTCC 1102

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1103 GATAACAGACACACGGAAGTTTCTGAATCTCTCGTACATTAAGAAGCATTTAGCTCGTGAA 1162

1198 ttgaatttccgattatagctctgctcagttgaaatcgtggttcgagagtcgtgaagg 1257

1163 TTAGAATGTCAGATTACGCGTTGATGACTCAGTTATCTCGTGTGT-----TGACAA 1213

1258 cttgaaggaaaaacgctcctcagttgagtgacctcgtgaatccggtgcaatcgacgagcat 1317

1214 CGACAAGATAAACGTCGAATGATGATGATATTCGTAATCTGTTTCCGATTGACCAAGAT 1273

1318 ggcgatattggtgtgtttcaatcacgcgccgaattatcaagaattttcaggatgataaa 1377

1274 GCGGATATCGTTGCAATCTTATACCGTGATGATTACTATAACCGTGGCGGATGAAGAT 1333

1378 ggaacagatcctccgtggaaatggcgaataattattcgtgaagcatcgttaattggtcggtt 1437

1334 GATGACGATGATAGTGGTTTTCAGCCCAAAACGATGATGAACACGGTGAATTTGAATC 1393

1438 ggcgatgttctgtctacg 1454

1394 ATCATTTGCTAAGCAACG 1410

```

/ APPLICANT: WHITE, Owen R.
/ APPLICANT: FRASER, Claire M.
/ APPLICANT: VENTER, John C.
/ TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM
/ TITLE OF INVENTION: TUBERCULOSIS
/ FILE REFERENCE: 24366-20007.00
/ CURRENT APPLICATION NUMBER: US/09/103,840A
/ CURRENT FILING DATE: 1998-06-24
/ NUMBER OF SEQ ID NOS: 2
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 2
/ LENGTH: 4403765
/ TYPE: DNA
/ ORGANISM: Mycobacterium tuberculosis
/ FEATURE:
/ OTHER INFORMATION: CDC 1551
/ OTHER INFORMATION: "n" bases at various positions throughout the sequence
/ OTHER INFORMATION: represent a, t, c or g
US-09-103-840A-2

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Query Match	8.9%	Score 145.4	DB 4	Length 4403765
Best Local Similarity	47.0%	Pred. No. 6.3e-36		
Matches 523	Conservative	0	Mismatches 581	Indels 9
QY 145	cccgtaaatgattacggcgcatccaaacgcgaacgcgcgaactgaaagaagccatgctc	204		
Db	60381	ccagtgagatattacggcgctcaaccacgcgagatctcgccgcgagcagctcgctgcg	60440	
QY 205	gggccttgatgattgaaagaatgctattcgctgtagtgagatctccqctccggaa	264		
Db	60441	ggcgggatgttgtgaggaagcgcctcgcgaltactlgaacgctacagcccccgc	60500	
QY 265	tcgtttacgaacataggatcaatgattatgcgctattaccgatcttgcggttaat	324		
Db	60501	gattttatctcgccgcgcatacaaacgtctacagccattttgacctgatggcgcg	60560	
QY 325	caaaaaccgtagatatcttactgtgaagagcagctcagtaacgtgcgaagctlqaaa	384		
Db	60561	ggagaaccgcgtgatgcgtlgaocgltggccgcgaactgagtcgcgtggctgtgtgc	60620	
QY 385	gaagtcggaggaacgcttttatattactcaatlgagcaglaaaagtgcatcttccgcctat	444		
Db	60621	cgcatacggcggtgctccctacctgcacacccctgatctgcaggtgcgaagccgcacac	60680	
QY 445	attgaataatgcgcgtattattgacaaaaatatttggcgaagaagctcattactttt	504		
Db	60681	ggggctactacgcgagcatcgttgcgaaaaaggcgtctgcgcgcgtatgataagcc	60740	
QY 505	acaagttaacatcacagtagtaggctttt-----gacaaaactctgaltgacagatctt	558		
Db	60741	ggaaccggggtgtgcagtacggctatgcgcgcgcgaaggcgagatgtgcctaaqtlg	60800	
QY 559	atgcaagagcgcgaaggaaactcttlgaqatttccagcggaaacatgaagaagactat	618		
Db	60801	gtcgatcgcgcgacggcgaatactacagctgcggatcgcgcgctgtgtgcgaagacttt	60860	
QY 619	acgcagatcaatccgattattccgaggttatgaacagattcagaagaacgcgcgcacgt	678		
Db	60861	gtggcgttlgaagacctcttgcacgcgcgaaggagagatcgatgccatcttccat	60920	
QY 679	accgatgtgtcagcggattggaagtgatataccaaactggataaagatgacttccgaa	738		
Db	60921	ggcggcctggcgcgggtggtctaccggttcaocgaaactgcagaggttcaccaacgcgc	60980	
QY 739	tggcaaaatccgacttgataattatgctgcgcctccgcgccatggataaacgcgctttt	798		
Db	60981	ctgcataccgggcagatggtcatcgtgcgcgcgcgcgcgcgcgcgcgcgcgcgcgc	61040	
QY 799	gtactttcaatggctaagaatatgtgcgttgaatttcaggaaatccggtagcctgtttct	858		
Db	61041	ggcgtggaatctcatgcgctcatgctcgatccagcatcggatgcgcagcatcatcttcgc	61100	

[illegible]

## SULT 4

-09-103-840A-1  
 Sequence 1, Application US/09103840A  
 Patent No. 6294328  
 GENERAL INFORMATION:  
 APPLICANT: FLEISCHMAN, Robert D.  
 APPLICANT: WHITE, Owen R.  
 APPLICANT: FRASER, Claire M.  
 APPLICANT: VENTER, John C.  
 TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM  
 TUBERCULOSIS  
 FILE REFERENCE: 24366-20007.00  
 CURRENT APPLICATION NUMBER: US/09/103,840A  
 CURRENT FILING DATE: 1998-06-24  
 NUMBER OF SEQ ID NOS: 2  
 SOFTWARE: Patentin Ver. 2.1  
 SEQ ID NO 1  
 LENGTH: 4411529  
 TYPE: DNA  
 ORGANISM: Mycobacterium tuberculosis  
 OTHER INFORMATION: H37Rv  
 -09-103-840A-1

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Query Match      8.9%; Score 145.4; DB 4; Length 4411529;
Best Local Similarity 47.0%; Pred. No. 6.3e-36;
Matches 523; Conservative 0; Mismatches 581; Indels 9; Gaps 2;

145 cccataaatattacggcgcatcaaacccgaagcgcgaaactggaagacgctgtc 204
||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
60439 cccagtgaagattacggcgctcaaacccgaggatctgccccgagcagtcggtcg 60498

205 gggcccttgatgattgaaaagatgccatttcgctgtgagtggatttcctccggaa 264
||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
60499 ggcgggatgttgtgcaaggacgcacatgcgatgtactggaacggctacgcccgc 60558

265 tcggtttacgaacatagcattcaatttatcagctattaccgactcttgccgttaat 324
||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
60559 gattttatcgtccggcgcatcagaacgcgtctacagcccatcttgagacctatagggcgg 60618

325 caaaacccgllagatatcttactgtgaagagcagctcagtaacgtggcgagctgaa 384
||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
60619 qagaaacccgctgatcggttgacggtgcgcgcacaaactgatccgctgggctctgcg 60678

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[illegible]

RESULT 5

US-08-969-644-7  
Sequence 7, Application US/08969644  
Patent No. 6096519  
GENERAL INFORMATION:  
APPLICANT: Ratti, Giulio  
APPLICANT: Comanducci, Maurizio  
APPLICANT: Tecce, Mario F.  
APPLICANT: Giuliani, Marzia M.  
TITLE OF INVENTION: pCtD PLASMIN  
TITLE OF INVENTION: TRACHOMATIS  
TITLE OF INVENTION: THEM; RECOM

TITLE OF INVENTION: pCTD PLASMID ISOLATED FROM CHLAMYDIA  
TITLE OF INVENTION: TRACHOMATIS SEROTYPE D, ITS GENES AND PROTEINS ENCODED BY  
TITLE OF INVENTION: THEM; RECOMBINANT PLASMIDS FOR THE EXPRESSION OF SAID



TELEX: 248345

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 1356 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

ORGANISM: Chlamydia trachomatis

STRAIN: GO/86 serotype D (trachoma biovar)

IMMEDIATE SOURCE:

CLONE: pUC8-p30 plasmid, ATCC 68314

FEATURE:

NAME/KEY: CDS

LOCATION: 1..1353

88-444-189-7

Query Match 4.8%; Score 78.6; DB 3; Length 1356;

Best Local Similarity 47.5%; Pred. No. 6e16;

Matches 311; Conservative 0; Mismatches 329; Indels 15; Gaps 2;

745 aaatccgactgataattattgctgccgctccgagcattggtgtaaaacggttttgaactt 804

649 AAAGGTAAATTCGTGATTATAGCAGTAGACCATCTATAGGAAACACAGCTTTAGCTATA 708

805 tcaatggctaagaataattgccgtgaatttcaggaaatccggttagcctttttctctgaa 864

709 GACATGCGGATAAATCTTGGCGTTACTCAACAGCGTAGAGTTGGTTTCTATCTCTAGAA 768

865 atgagtaacgttcagttgggtcaatcgtctcgtatcgtgaacgtttgtgaattccgagtgaa 924

769 ATGAGCGCAGGTCAAAATTTGTGACGCGGATTATTGCTTAATTTAACAGGAATATCTGGTGAA 828

925 aaatcaagacgagcagcaatcgttcgagcgttgaatgcaacagctcattataaattgaaq 984

Query Match 4.8%; Score 78.6; DB 4; Length 1356;

Best Local Similarity 47.5%; Pred. No. 6e16;

Matches 311; Conservative 0; Mismatches 329; Indels 15; Gaps 2;

745 aaatccgactgataattattgctgccgctccgagcattggtgtaaaacggttttgaactt 804

649 AAAGGTAAATTCGTGATTATAGCAGTAGACCATCTATAGGAAACACAGCTTTAGCTATA 708

805 tcaatggctaagaataattgccgtgaatttcaggaaatccggttagcctttttctctgaa 864

709 GACATGCGGATAAATCTTGGCGTTACTCAACAGCGTAGAGTTGGTTTCTATCTCTAGAA 768

865 atgagtaacgttcagttgggtcaatcgtctcgtatcgtgaacgtttgtgaattccgagtgaa 924

769 ATGAGCGCAGGTCAAAATTTGTGACGCGGATTATTGCTTAATTTAACAGGAATATCTGGTGAA 828

925 aaatcaagacgagcagcaatcgttcgagcgttgaatgcaacagctcattataaattgaaq 984

Query Match 4.8%; Score 78.6; DB 4; Length 1356;

Best Local Similarity 47.5%; Pred. No. 6e16;

Matches 311; Conservative 0; Mismatches 329; Indels 15; Gaps 2;

745 aaatccgactgataattattgctgccgctccgagcattggtgtaaaacggttttgaactt 804

649 AAAGGTAAATTCGTGATTATAGCAGTAGACCATCTATAGGAAACACAGCTTTAGCTATA 708

805 tcaatggctaagaataattgccgtgaatttcaggaaatccggttagcctttttctctgaa 864

709 GACATGCGGATAAATCTTGGCGTTACTCAACAGCGTAGAGTTGGTTTCTATCTCTAGAA 768

865 atgagtaacgttcagttgggtcaatcgtctcgtatcgtgaacgtttgtgaattccgagtgaa 924

769 ATGAGCGCAGGTCAAAATTTGTGACGCGGATTATTGCTTAATTTAACAGGAATATCTGGTGAA 828

925 aaatcaagacgagcagcaatcgttcgagcgttgaatgcaacagctcattataaattgaaq 984

Query Match 4.8%; Score 78.6; DB 4; Length 1356;

Best Local Similarity 47.5%; Pred. No. 6e16;

Matches 311; Conservative 0; Mismatches 329; Indels 15; Gaps 2;

745 aaatccgactgataattattgctgccgctccgagcattggtgtaaaacggttttgaactt 804

649 AAAGGTAAATTCGTGATTATAGCAGTAGACCATCTATAGGAAACACAGCTTTAGCTATA 708

805 tcaatggctaagaataattgccgtgaatttcaggaaatccggttagcctttttctctgaa 864

709 GACATGCGGATAAATCTTGGCGTTACTCAACAGCGTAGAGTTGGTTTCTATCTCTAGAA 768

865 atgagtaacgttcagttgggtcaatcgtctcgtatcgtgaacgtttgtgaattccgagtgaa 924

769 ATGAGCGCAGGTCAAAATTTGTGACGCGGATTATTGCTTAATTTAACAGGAATATCTGGTGAA 828

925 aaatcaagacgagcagcaatcgttcgagcgttgaatgcaacagctcattataaattgaaq 984

Query Match 4.8%; Score 78.6; DB 4; Length 1356;

Best Local Similarity 47.5%; Pred. No. 6e16;

Matches 311; Conservative 0; Mismatches 329; Indels 15; Gaps 2;

745 aaatccgactgataattattgctgccgctccgagcattggtgtaaaacggttttgaactt 804

649 AAAGGTAAATTCGTGATTATAGCAGTAGACCATCTATAGGAAACACAGCTTTAGCTATA 708

805 tcaatggctaagaataattgccgtgaatttcaggaaatccggttagcctttttctctgaa 864

709 GACATGCGGATAAATCTTGGCGTTACTCAACAGCGTAGAGTTGGTTTCTATCTCTAGAA 768

865 atgagtaacgttcagttgggtcaatcgtctcgtatcgtgaacgtttgtgaattccgagtgaa 924

769 ATGAGCGCAGGTCAAAATTTGTGACGCGGATTATTGCTTAATTTAACAGGAATATCTGGTGAA 828

925 aaatcaagacgagcagcaatcgttcgagcgttgaatgcaacagctcattataaattgaaq 984

Query Match 4.8%; Score 78.6; DB 4; Length 1356;

Best Local Similarity 47.5%; Pred. No. 6e16;

Matches 311; Conservative 0; Mismatches 329; Indels 15; Gaps 2;

745 aaatccgactgataattattgctgccgctccgagcattggtgtaaaacggttttgaactt 804

649 AAAGGTAAATTCGTGATTATAGCAGTAGACCATCTATAGGAAACACAGCTTTAGCTATA 708

805 tcaatggctaagaataattgccgtgaatttcaggaaatccggttagcctttttctctgaa 864

709 GACATGCGGATAAATCTTGGCGTTACTCAACAGCGTAGAGTTGGTTTCTATCTCTAGAA 768

865 atgagtaacgttcagttgggtcaatcgtctcgtatcgtgaacgtttgtgaattccgagtgaa 924

769 ATGAGCGCAGGTCAAAATTTGTGACGCGGATTATTGCTTAATTTAACAGGAATATCTGGTGAA 828

925 aaatcaagacgagcagcaatcgttcgagcgttgaatgcaacagctcattataaattgaaq 984

Query Match 4.8%; Score 78.6; DB 4; Length 1356;

Best Local Similarity 47.5%; Pred. No. 6e16;

Matches 311; Conservative 0; Mismatches 329; Indels 15; Gaps 2;

745 aaatccgactgataattattgctgccgctccgagcattggtgtaaaacggttttgaactt 804

649 AAAGGTAAATTCGTGATTATAGCAGTAGACCATCTATAGGAAACACAGCTTTAGCTATA 708

805 tcaatggctaagaataattgccgtgaatttcaggaaatccggttagcctttttctctgaa 864

709 GACATGCGGATAAATCTTGGCGTTACTCAACAGCGTAGAGTTGGTTTCTATCTCTAGAA 768

865 atgagtaacgttcagttgggtcaatcgtctcgtatcgtgaacgtttgtgaattccgagtgaa 924

769 ATGAGCGCAGGTCAAAATTTGTGACGCGGATTATTGCTTAATTTAACAGGAATATCTGGTGAA 828

925 aaatcaagacgagcagcaatcgttcgagcgttgaatgcaacagctcattataaattgaaq 984

Query Match 4.8%; Score 78.6; DB 4; Length 1356;

Best Local Similarity 47.5%; Pred. No. 6e16;

Matches 311; Conservative 0; Mismatches 329; Indels 15; Gaps 2;

745 aaatccgactgataattattgctgccgctccgagcattggtgtaaaacggttttgaactt 804

649 AAAGGTAAATTCGTGATTATAGCAGTAGACCATCTATAGGAAACACAGCTTTAGCTATA 708

805 tcaatggctaagaataattgccgtgaatttcaggaaatccggttagcctttttctctgaa 864

709 GACATGCGGATAAATCTTGGCGTTACTCAACAGCGTAGAGTTGGTTTCTATCTCTAGAA 768

865 atgagtaacgttcagttgggtcaatcgtctcgtatcgtgaacgtttgtgaattccgagtgaa 924

769 ATGAGCGCAGGTCAAAATTTGTGACGCGGATTATTGCTTAATTTAACAGGAATATCTGGTGAA 828

925 aaatcaagacgagcagcaatcgttcgagcgttgaatgcaacagctcattataaattgaaq 984

Query Match 4.8%; Score 78.6; DB 4; Length 1356;

Best Local Similarity 47.5%; Pred. No. 6e16;

Matches 311; Conservative 0; Mismatches 329; Indels 15; Gaps 2;

745 aaatccgactgataattattgctgccgctccgagcattggtgtaaaacggttttgaactt 804

649 AAAGGTAAATTCGTGATTATAGCAGTAGACCATCTATAGGAAACACAGCTTTAGCTATA 708

805 tcaatggctaagaataattgccgtgaatttcaggaaatccggttagcctttttctctgaa 864

709 GACATGCGGATAAATCTTGGCGTTACTCAACAGCGTAGAGTTGGTTTCTATCTCTAGAA 768

865 atgagtaacgttcagttgggtcaatcgtctcgtatcgtgaacgtttgtgaattccgagtgaa 924

769 ATGAGCGCAGGTCAAAATTTGTGACGCGGATTATTGCTTAATTTAACAGGAATATCTGGTGAA 828

925 aaatcaagacgagcagcaatcgttcgagcgttgaatgcaacagctcattataaattgaaq 984

Query Match 4.8%; Score 78.6; DB 4; Length 1356;

Best Local Similarity 47.5%; Pred. No. 6e16;

Matches 311; Conservative 0; Mismatches 329; Indels 15; Gaps 2;

745 aaatccgactgataattattgctgccgctccgagcattggtgtaaaacggttttgaactt 804

649 AAAGGTAAATTCGTGATTATAGCAGTAGACCATCTATAGGAAACACAGCTTTAGCTATA 708

805 tcaatggctaagaataattgccgtgaatttcaggaaatccggttagcctttttctctgaa 864

709 GACATGCGGATAAATCTTGGCGTTACTCAACAGCGTAGAGTTGGTTTCTATCTCTAGAA 768

865 atgagtaacgttcagttgggtcaatcgtctcgtatcgtgaacgtttgtgaattccgagtgaa 924

769 ATGAGCGCAGGTCAAAATTTGTGACGCGGATTATTGCTTAATTTAACAGGAATATCTGGTGAA 828

925 aaatcaagacgagcagcaatcgttcgagcgttga

		Query Match	4.8%;	Score 78.6;	DB 3;	Length 7502;
		Best Local Similarity	47.5%;	Pred. No. 1.9e-15;		
		Matches 311;	Conservative	0;	Mismatches 329;	Indels 15; Gaps
QY	745	aaatcgcgacttgataattattgtctccgcctcgcgccatgggtaaaacggcgttttctactt	804			
Db	1777	A AAGGTAAATTCGTCGATTATAGCAGCTAGACCACTCTATAGGGAAAACAGCTTTAGCTATA	1836			
QY	805	tcaatggctaaagaatatgtgcgctgaatttcaggaaatcgcgtagacctgtttctctcttgaa	864			
Db	1837	GACATGGCGGATAAATCTTTCGGTGTTACTCAACAGCGTAGAGTTGGTTCTCTATCTCTAGA	1896			

RESULT 9  
US-08-444-189-6  
; Sequence 6, Application US/08444189  
; Patent No. 6110705  
; GENERAL INFORMATION:



QY	925	aaatacaagcggcgacaatttggcagctttatgaatggcgaacagctcgattataaattgaag	984
Db	1957	AAATTACAAGAGGGGGATCTCTCTAAAGAAGAAATATTTCGGAGTAGAAGAAGCTGGAGAA	2016
QY	985	gatttgcgtgagtcaccgcctttatgttgaatgatactccctctctgtcgtatttgagcitt	1044
Db	2017	ACGGTTAGAGATCACATTTTATATCTGCGAGTGATAGTCAGTATATAAGCTTAACTTTAATC	2076
QY	1045	cgaaccaaagcgcgtcgatttggcttgcgtgagcatgagtaagaattatcatcattgactac	1104
Db	2077	GCGAATCAGATCCGGTTGCTGAGAAAAAAGAAGATCGAGTAGACGTAATATTATTCGATTAC	2136
QY	1105	ttagcattgataaagcgcagcggtagtgccatttggcagccgcgaagaagggttagtacc	1164
Db	2137	TTGCACTTGATCAACTATCCTGCTGGAGAA-----AATCGTCAAAATGAATAGACAGAT	2190
QY	1165	atttcacgttcgctgaaggggcttgcgaagagttgaattccgattatlagctctgtct	1224
Db	2191	ATATCTAGAAACCTTAAGAGGTTTAGCCCTCAGAGCTAAACATTCCTATAGTTTCTTTATCC	2250
QY	1225	cagttgaatcgtggtgtgcgaagagtcgaagggttaagaagaaacgtctccagttgagt	1284
Db	2251	CACCTATCTAGAAAAAGTTGAGGATAG-----AGCAATAAAGTTCCTCATGCTTTCA	2301
QY	1285	gaccttcgtgaatccggtgcgaatcgacgagcagatccgatattggtgtgtttcattccaccgc	1344
Db	2302	GATTTCGAGACAGCGGTCACAAATAGACGCAAGACGACAGATGTGATTTTGTGTTTATCAATAGG	2361
QY	1345	ccgcaatattacaagatatttcagatgataaagaagacagatcccgtaaatgg	1399
Db	2362	AAGGAATCGTCTTCTAAATTGTAGATAACTGTTCGAAAAATAGACATGATGATCGG	2416

RESULT 10

US-08-468-544-6

; Sequence 6, Application US/08468544

; Patent No. 6248563

; GENERAL INFORMATION:

; APPLICANT: Ratti, Giulio

; APPLICANT: Comanducci, Maurizio

; APPLICANT: Tecce, Mario F.

; APPLICANT: Giuliani, Marzia M.

; TITLE OF INVENTION: PCID PLASMID ISOLATED FROM CHLAMYDIA

; TITLE OF INVENTION: TRACHOMATIS SEROTYPE D, ITS GENES AND PROTEINS ENCO

; TITLE OF INVENTION: THEM; RECOMBINANT PLASMIDS FOR THE EXPRESSION OF S

; TITLE OF INVENTION: GENES IN HETEROLOGOUS SYSTEMS, PREPARATION OF SAID

; NUMBER OF SEQUENCES: 23

; CORRESPONDENCE ADDRESS:

; ADDRESS: BIRCH, STEWART, KOLASCH & BIRCH

; STREET: 301 N. Washington Street

; CITY: Falls Church

; STATE: Virginia

; COUNTRY: USA

; ZIP: 22046-0747

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/468,544

; FILING DATE: 06-JUN-1995

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/661,820

; FILING DATE: 28-FEB-1991

; APPLICATION NUMBER: IT MI 91A000314

; FILING DATE: 07-FEB-1991

; ATTORNEY/AGENT INFORMATION:

; NAME: Svensson, Leonard R.

; REGISTRATION NUMBER: 30,330

; REFERENCE/DOCKET NUMBER: 1267-202P

; TELECOMMUNICATION INFORMATION:



TELEPHONE: 703-241-1300  
TELEFAX: 703-241-2848  
TELEX: 248345  
INFORMATION FOR SEQ ID NO: 4  
SEQUENCE CHARACTERISTICS:  
LENGTH: 7502 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: circular  
MOLECULE TYPE: DNA (genom.)  
ORIGINAL SOURCE:  
ORGANISM: Chlamydia trachomatis  
STRAIN: GO/86 serotype 1  
IMMEDIATE SOURCE:  
CLONE: pUC8-pGO plasmid

CLONE: pUC8-pGO plasmid, ATCC 68314  
-08-468-544-6

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Query Match      4.8%; Score 78.6; DB 4; Length 7502;
Best Local Similarity 47.5%; Pred. No. 1.9e-15;
Matches 311; Conservative 0; Mismatches 329; Indels 15; Gaps

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1837 GACATGGCGATAAATCTTCGCGTTACTCAACAGCGTAGAGTTGTTTCCCTATCTACAGAA 1896
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865 atgagtacggttcagttgggtcaatogctgatctcgaacggtttgtgaaattccgaagttaa 924
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925 aaatacaagagcggacaattggcagccttatgaatggcacaagctcgattalaaattgaag 984
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985 gatttgcgatgacccgctttatgttgaatgatactccctctcgttcggtatttgagctt 1044
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2017 ACGGTTAGAGATACATTTTATATCTGTCAGTGATGTCAGTATAAGCTTAACCTTAATC 2076
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1105 ttccagttgaatgaacccagcggtaigccatttggcagccgcgcgggaagggtttagtaacc 1164
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1165 atttcagcttcgctgaagggcttgcgaagaagttgaaattccgattatagctctgctc 1224
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1225 cagttgaaactcgttggtgcgagtcgtgaagggtctgaaggaacacgctccagttgagt 1284
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2302 GATTTTCGAGACAGCGGTCAAAATAGAGAACGACGAGATGTGATTTTGTGTTATCAATAGS 2361
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1345 ccggaattattacaagatatttcaggatgatgaagaagaacgatctccggtgaatgg 1399
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2362 AAGGAATCGCTCTCTTAATTGTCAGATAACTGTTGGGAAAATAACAGATGATCGG 2416
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GOLT 11  
-09-038-909-3  
Sequence 3, Application US/09038909  
Patent No. 6083924  
GENERAL INFORMATION:  
APPLICANT: May, Earl W.

APPLICANT: Earnshaw, David L  
 APPLICANT: McDevitt, Damien  
 TITLE OF INVENTION: dnaB  
 NUMBER OF SEQUENCES: 8  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Dechert, Price & Rhoads  
 STREET: 4000 Bell Arch Street, 1717 Arch Str  
 CITY: Philadelphia  
 STATE: PA  
 COUNTRY: USA  
 ZIP: 19103-2793  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSeq for Windows Version 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/038,909  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Falk, Stephen T  
 REGISTRATION NUMBER: 36,795  
 REFERENCE/DOCKET NUMBER: GM10133  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 215-994-2488  
 TELEFAX: 215-994-2222  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 3:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 562 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: linear  
 PS-09-038-909-3

Query Match	3.1%	Score 50.8	DB 3	Length 562
Best Local Similarity	48.4%	Pred. No. 6	6e-07	
Matches 136	Conservative 0	Mismatches 145	Indels 0	Gaps 0
QY 184	gaactggaagaacgctgctcggggacctgattgataagataagctattcgcgttggtg	243		
Db 156	GAAGCTGAACAGCTCTCTTAGTTCANTATTATAGATCCAGAAATGATTAACTACT	215		
QY 244	agtgaattctcgtccgaatacgttttacgaacataggcatcaatgallttatcagct	303		
Db 216	CAGGAAGTTTNGCTTCTGAGTCGTTTTATAGGGTGCCCACTACACATATTTCCGTGCA	275		
QY 304	attaccgactcttcgctttaatcaaaaccgtagatattctactgtgaagagcagctc	363		
Db 276	ATGATGCACCTTAATGAAGANTATAAGAAATTGATCTTGTAACATTTGATGATCAATTA	335		
QY 364	agtaacgctgctgagctggaagaagtcggagacogtittattactcaattgacagct	423		
Db 336	TCGACGGAAGGTACGTTGAATGAAGCGGTGGCCGCCAATATCTTCGACAGTTATCTACA	395		
QY 424	aaagtggcatcttcggcccatattgaatatcatgccgcat	464		
Db 396	AATGTTNCCACGACGCGAAATGTCAGTATTATACGTATAT	436		

RESULT 12  
US-08-232-463-14/c  
; Sequence 14, Application US/08232463  
; Patent No. 5670367  
; GENERAL INFORMATION:  
; APPLICANT: DORNER, F.  
; APPLICANT: SCHEIFLINGER, F.  
; APPLICANT: FALKNER, F. G.



Search completed: August 22, 2002, 12:04:04  
Job time: 12048 sec

